



ITES2007 Sixth Italian-Spanish conference  
on General Topology and applications  
Bressanone, 26-29 June 2007

## Enriched Orthogonality and Equivalences

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We consider enriched orthogonality for classes of spaces, with respect to groupoids, simplicial sets and spaces themselves. This point of view allows one to characterize homotopy equivalences, shape and strong shape equivalences.